

Abstract

The present invention discloses a method for making a porous calcium phosphate article including i) preparing a shaped article from a paste containing a calcium phosphate cement, a pore-forming powder and a setting liquid; ii) 5 immersing the shaped article in an immersing liquid for a period of time so that the pore-forming powder is dissolved in the immersing liquid, creating pores in said shaped article; and iii) removing the resulting porous shaped article from the immersing liquid, wherein the resulting porous shaped article has an improved compressive strength. The porous shaped calcium phosphate article of the 10 present invention may be used as a tissue-engineered scaffold, medical implant or a reinforcing constituent of a composite.